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FORM PTO-1815 RECORD (Pers. 6-00). ONE No. 0007-0011 (sep. 4000).	DATION FORM COVER SHEET PATENTS ONLY Description of Continues Particular Continues P
To the Honorable Commissioner of Patents and Trademarks: P	lease record the attached original document or copy thereof,
1. Name of conveying party(ies): TZU-FANG HUANG YUNG-CHENG LU LI-QUN XIA ELLIE YIEH WALFAN YAU DAVID W. CHEUNG RALF B. WILLECKE KUOWEI LIU JULY 20, 2000 JULY 25, 2000 JULY 25, 2000 JULY 19, 2000 JULY 25, 2000 JULY 19, 2000 JULY 25, 2000 JULY 25, 2000 JULY 25, 2000 YEMING JIM MA SEPTEMBER 26, 2000	2. Name and address of receiving party(les): Name: Applied Materials, Inc. Internal Address: P.O. Box 450-A Street Address: City: Santa Ctara State: CA Zho: DEDEZ
Additional name(s) of conveying party(ies) attached?Yes	X No
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other	Additional name(s) & address(es) attached?Yas _X_No
Execution Date: See Above and the Attached	
A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes X No	n, the execution date of the application is: HEREWITH (Date of Filing)
Name and address of party to whom correspondence concer document hould be mailed:	ming 6. Total number of applications and patents involved: 1
Name: Patent Counsel Internal Address: APPLIED MATERIALS, INC.	7. Total fee (37 C.F.R. 3.41) \$_40,00 Enclosed X_Authorized to be charged to deposit account
Street Address: P.O. Box 450-A	50-1074/2592.C8/DSM/LOW K/JW
City: Santa Clara State: CA Zip: 95	8. Deposit account number: 5052 50-1074/2582.C8/DSM/LOW K/JW
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ROBERT W. MULCAHY, Reg. No. 25,436	ation is true and correct and any attached copy is a true copy of the original document. Clan. 27, 2004 Date
	Total number of pages including cover sheet, attachments and document: _34



Case #AMAT/2592.P3/PDD/KPU8/JW

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	TZU-FANG HUANG 5431 Liqurian Dr. San Jose, CA 95138	2)	YUNG-CHENG LU 3671 Greenlee Dr., #3 San Jose, CA 95117
3)	LI-QUN XIA 5358 Carryback Ave. San Jose, CA 95111	4)	ELLIE YIEH 5888 Pistoria Way San Jose, CA 95138
5)	WAI-FAN YAU 158 Gretel Ln. Mountain View, CA 94040	6)	DAVID W. CHEUNG 235 Billingsgate Ln. Foster City, CA 94404
7)	RALF B. WILLECKE 2250 Monroe St. #336 Santa Clara, CA 95050	8)	KUOWEI LIU 163 N. San Tomas Aquino Rd. Campbell, CA 95008
9)	JU-HYUNG LEE 65 Shelley Ave. Campbell, CA 95008	10)	FARHAD K. MOGHADAM 15440 Via Colina Saratoga, CA 95010
11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		*

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on 4/19/2000 under Serial No. 09/533, 46/, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.





- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
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1)	Aug 15th, 2000_	TZU-FANGHUANG
2)	, 2000_	· ·
3)	, 2000_	LI-QUN XIA
4)	, 2000_	ELLIE YIEH
5)	, 2000_	WAI-FAN YAU
6)	, 2000 _	DAVID W. CHEUNG



7)	, 2000		:
	*	RALF B. WILLECKE	
8)	2000		
		KUOWEI LIU	
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		JU-HYUNG LEE	
10)	, 2000_	<u> </u>	
		FARHAD K. MOGHADAM	
11)	, 2000	1	_
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	/ YUNG-CHENGLU	
3)	, 2000	· •
	LI-QUN XIA	
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	ELLIE YIEH	
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•	WAI-FAN YAU	
6)	. 2000	
٠,	DAVID W. CHEUNG	



7)	, 2000	<u>.</u>	
,		RALF B. WILLECKE	
8) .	, 2000	-	
		KUOWEI LIU	
9)	, 2000		
		JU-HYUNG LEE	
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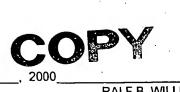
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	YUNG-CHENG LU
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	LI-QUN XIA
4)	, 2000
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6)	, 2000
-,	DAVID W. CHEUNG





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		JU-HYUNG LEE	
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·		FARHAD K. MOGHADAM	
11)	, 2000	*	
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Case #AMAT/2592.P3/PDD/KPU8/JW

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		TZU-FANG HUANG
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		YUNG-CHENG LU
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		WAI-FAN YAU
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		DAVID W. CHEUNG



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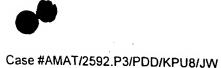
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	TZU-FANG HUANG	
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		TZU-FANG HUANG , 2000 YUNG-CHENG LU , 2000 LI-QUN XIA , 2000 ELLIE YIEH July 20th, 2000 WAI-FAN YAU , 2000



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		RALF B. WILLECKE	
8)	, 2000	·	
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WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

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- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

1)	, 2000	·	
		TZU-FANG HUANG	
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		YUNG-CHENG LU	- 10
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	·	LI-QUN XIA	
4)	, 2000	ELLIE YIEH	
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			JU-HYUNG LEE
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			FARHAD K. MOGHADAM
1).		2000	
			YEMING JIM MA





Case #AMAT/2592.P3/PDD/KPU8/JW

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Γ		т—т	
1)	TZU-FANG HUANG 5431 Liqurian Dr. San Jose, CA 95138	2)	. YUNG-CHENG LU 3671 Greenlee Dr., #3 San Jose, CA 95117
3)	LI-QUN XIA 5358 Carryback Ave. San Jose, CA 95111	4)	ELLIE YIEH 5888 Pistoria Way San Jose, CA 95138
5)	WAI-FAN YAU 158 Gretel Ln. Mountain View, CA 94040	6)	DAVID W. CHEUNG 235 Billingsgate Ln. Foster City, CA 94404
7)	RALF B. WILLECKE 2250 Monroe St. #336 Santa Clara, CA 95050	8)	KUOWEI LIU 163 N. San Tomas Aquino Rd. Campbell, CA 95008
9)	JU-HYUNG LEE 65 Shelley Ave. Campbell, CA 95008	10)	FARHAD K. MOGHADAM 15440 Via Colina Saratoga, CA 95010
11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on $\frac{4/19}{33,46}$, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
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,		DAVID W. CHEUNG	



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10)	, 2000	FARHAD K. MOGHADAM	
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11)	, 2000	YEMING JIM MA	_



Case #AMAT/2592.P3/PDD/KPU8/JW

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	TZU-FANG HUANG 5431 Liqurian Dr. San Jose, CA 95138	2)	YUNG-CHENG LU 3671 Greenlee Dr., #3 San Jose, CA 95117
3)	LI-QUN XIA 5358 Carryback Ave. San Jose, CA 95111	4)	ELLIE YIEH 5888 Pistoria Way San Jose, CA 95138
5)	WAI-FAN YAU 158 Gretel Ln. Mountain View, CA 94040	6)	DAVID W. CHEUNG 235 Billingsgate Ln. Foster City, CA 94404
7)	RALF B. WILLECKE 2250 Monroe St. #336 Santa Clara, CA 95050	8)	KUOWEI LIU 163 N. San Tomas Aquino Rd. Campbell, CA 95008
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11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on 4/19/2000 under Serial No. 61/533,961, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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10)		2000	
			FARHAD K. MOGHADAM
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WHEREAS:

Names and Addresses of Inventors:

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1)	TZU-FANG HUANG 5431 Liqurian Dr. San Jose, CA 95138	2)	YUNG-CHENG LU 3671 Greenlee Dr., #3 San Jose, CA 95117
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11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

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for which application for Letters Patent in the United States was filed on $\frac{4//9/2000}{2000}$ under Serial No. $\frac{61/533}{2000}$, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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- Said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions, provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
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		WAI-FAN YAU	٠.
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		DAVID W. CHEUNG	



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	• •	JU-HYUNG LEE
10)	, 2000	
	, ·	FARHAD K. MOGHADAM
11)	, 2000	
		YEMING JIM MA



WHEREAS:

Names and Addresses of Inventors:

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11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on 4/19/2000 under Serial No. 09/533,46/, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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4)	, 2000	ELLIE YIEH	······································
5)	, 2000	WAI-FAN YAU	<u>:</u>
6)	, 2000	DAVID W CHELING	

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	KUOWEI LIU
9)	, 2000
·	JU-HYUNG LEE
10)	7/25 2000 Harlad moghada
•	FARHAD K. MOGYADAM
11)	, 2000
	YEMING JIM MA

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WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.





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٦)		ELLIE YIEH	
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٥)		WAI-FAN YAU	
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6)	, 2000	DAVID W. CHEUNG	



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8)	, 2000	
		KUOWEI LIU
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-,		JU-HYUNG LEE
10) · ·	2000	
		FARHAD K. MOGHADAM
11)	Sept. 26, 2000 6	MMA
• • • • • • • • • • • • • • • • • • • •		YEMING JIM MA



Atty. Dkt. No. AMAT/2592.P3/PDD/KPU8/JW

COMBINED DECEMBATION AND FOWER OF ATTORNEY
As a below named inventor, I hereby declare that:
This declaration is of the following type:
[] original[] divisional[] continuation[x] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
SPECIFICATION IDENTIFICATION
The specification of which:
 [] is attached hereto [X] was filed on (tpic 19.200), under Serial No. 09/55344 , executed on even date herewith; or [] Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) [] was described and claimed in PCT International Application No
filed on and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

•	Fapplication(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for de	sign) prior to this applicat
Country/PCT	Application No	Date Filed	Priority Claimed
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No
All foreign application	ation(s), if any, filed mor	e than 12 mos. (6 mos for	r design) prior to this
Country:		•	
Application No:			
Filing date:			
U.S. Provisional	Application filed within 1	2 months prior to this ap	pplication
Serial No.		Filing Date	•

No such applications have been filed.

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] No such applications have been filed

[x]

[x] Such applications have been filed, as follows:



		Status			
Serial No.	Filing Date	Patented	Pending	Abandoned	
09/021,788	02/11/98		X	-	
09/114,682	07/13/98		X		
09/162,915	09/29/98		X		
09/185,555	11/04/98		X		
09/247,381	02/10/99		Х	•	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

· ·	
Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
•	

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc.

P.O. Box 450-A

Santa Clara, CA 95052

B. Todd Patterson

THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:

TZU-FANG HUANG

Inventor's signature:

Post Office Address:

Residence:

San Jose, CA 65/138 5431 Liqurian Dr.

U.S.A.

Country of Citizenship: TAIWAN

Full name of second inventor:		YUNG-CHENC	ց ւս			
Inventor's signature:			Date:			
Residence:	San Jose, CA 9	5117				
Post Office Address:	3671 Greenlee	Dr., #3				
	U.S.A.		Country of Citizensh	ip: TAIWAN		
Full name of third inver	ntor:	LI-QUN XIA				
Inventor's signature:		·	Date:			
		San Jose, CA 9:		· · · · · · · · · · · · · · · · · · ·		
Residence: Post Office Address:						
Post Office Address:		5358 Carryback		· cunu		
	•	U.S.A.	Country of Citizensh	iip: CHINA		
	•					
Full name of fourth inve	entor:	ELLIE YIEH				
Inventor's signature:			Date:			
Residence:		San Jose, CA 9		:		
Post Office Address:			5888 Pistoria Way			
*	U.S.A.	Country of Citizenship: USA				
•		eY e		,.		
				• .		
Full name of fifth inven	tor:	WAI-FAN YA	U	•		
Turrent and a compative of	4		Data			
Inventor's signature: Residence:		Mountain View	Date:_			
		158 Gretel Ln.				
Post Office Address:	U.S.A.	138 Greter Ln.		him. LICA		
•	U.S.A.		Country of Citizens	nip: USA		
Full name of sixth inver	itor:	DAVID W. CH	IFING			
1 di ildino di biscii inves		<i>D1111D</i> 111. Of	.DONG			
Inventor's signature:		•	Date:	,		
Residence:		Foster City, CA	94404			
Post Office Address:	•	235 Billingsgat				
	U.S.A.	, ,	Country of Citizens	ship: USA		
				•		
				•		
Full name of seventh in	ventor:	RALF B. WIL	LECKE			
Inventor's signature:			Date:	•		
Residence:		Santa Clara, C.				
Post Office Address:		2250 Monroe S	•	•		
1 Ost Office Address.	U.S.A.	ZZJU MOIDUC	Country of Citizens	shin GERMANV		
	U.U.A.		Country of Chizens	with Appropriate		

Full name of eighth inventor:		KUOWEI LIU		
Inventor's signature:		Date:		
Residence:		Campbell, CA 95008		
Post Office Address:		163 N. San Tomas Aquino Rd.		
	U.S.A.	Country of Citizenship: USA		
Full name of ninth inventor:		JU-HYUNG LEE		
Inventor's signature:		Date:		
Residence:		Campbell, CA 95008		
Post Office Address:	• *	65 Shelley Ave.		
	U.S.A.	Country of Citizenship: SOUTH KOREA		
	•	*		
Full name of tenth inv	entor:	FARHAD K. MOGHADAM		
Inventor's signature:		Date:		
Residence:		Saratoga, CA 95010		
Post Office Address:		15440 Via Colina		
	U.S.A.	Country of Citizenship: USA		
		VPVPVC WAAA		
Full name of eleventh	inventor:	YEMING JIM MA		
Inventor's signature:		Date:		
Residence:		Santa Clara, CA 95051		
Post Office Address:	•	3707 Poinciana Dr., #133		
U.S.A.		Country of Citizenship: CHINA		

(Declaration ends with this page)

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Atty. Dkt. No. AMAT/2592.P3/PDD/KPU8/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration	is of the following type:
[] [] [x]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole in	ost office address and citizenship are as stated below next to my name. I believe I am the original, ventor (if only one name is listed below) or an original, first and joint inventor (if plural names are the subject matter which is claimed and for which a patent is sought on the invention entitled:
M	IETHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
	SPECIFICATION IDENTIFICATION
The specificatio	n of which:
[] [x] []	is attached hereto was filed on <u>09/55346/</u> , under Serial No. <u>Quil 19.20</u> , executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	at I have reviewed and understand the contents of the above-identified specification, including the ded by any amendment referred to above.
	he duty to disclose all information I know to be material to patentability in accordance with f Federal Regulations, §1.56,
	naterial to the examination of this application; namely, information where there is a substantial a reasonable Examiner would consider it important in deciding whether to allow the application to a and
[]	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	application(s) filed with as under 35 U.S.C. §119	in 12 mos. (6 mos. for des	ign) prior to this applicatio
Country/PCT	Application No	Date Filed	Priority Claimed
			[] Yes [] No
		•	[] Yes [] No
			[] Yes [] No
U.S. application	ation(s), ii any, illed mor	e than 12 mos. (6 mos for	design) prior to this
Country:			
Application No:			
		•	
Filing date:			

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[]	No	such	app	licat	ions	have	been	filed
	•	~	•	••	. •			~ .	

[x] Such applications have been filed, as follows:

No such applications have been filed.

[x]



		Status				
Serial No.	Filing Date	Patented	Pending	Abandoned		
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09/114,682	07/13/98		Х	•		
09/162,915	09/29/98		Х			
09/185,555	11/04/98		· X	٠.		
09/247,381	02/10/99		X			

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Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008

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Santa Clara, CA 95052

B. Todd Patterson

THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

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Full name of sole or fir	st inventor: TZU-FAN	IG HUANG	
Inventor's signature:	· ·	Date:	
Residence:	San Jose, CA 95138		
Post Office Address:	5431 Liqurian Dr.	•	
	U.S.A.	Country of Citizenship: TAIWAN	



Full name of second inventor:	YUNG-CHENG LU
Inventor's signature: Hy - Che	ey La Date: 19/22/00
	Date: 1/20/00
Post Office Address: 3671 Greenle	9517 F.2 No.4 Ln.114 Sec.7 Chungshan N. Read
Fost Office Address.	Taipei, Taiwan, Roc Y.C.lu
U.S.A.	Country of Citizenship: TAIWAN
	· ·
Full name of third inventors	Lt Olbina
Full name of third inventor:	LI-QUN XIA
Inventor's signature:	Date:
Residence:	San Jose, CA 95111
Post Office Address:	5358 Carryback Ave.
	U.S.A. Country of Citizenship: CHINA
	Country of Chizenship. CHIVA
	•
Full name of fourth inventor:	ELLIE YIEH
Inventor's signature:	Date:
Residence:	San Jose, CA 95138
Post Office Address:	5888 Pistoria Way
U.S.A.	Country of Citizenship: USA
	Country of Chileniship. Con
Full name of fifth inventor:	WAI-FAN YAU
·	
Inventor's signature:	Date:
Residence:	Mountain View, CA 94040
Post Office Address:	158 Gretel Ln.
U.S.A.	Country of Citizenship: USA
Full name of sixth inventor:	DAVID W. CHEUNG
Torring the standards	
Inventor's signature:	Date:
Residence:	Foster City, CA 94404
Post Office Address:	235 Billingsgate Ln.
U.S.A.	Country of Citizenship: USA
•	
Full name of seventh inventor:	DALED WILLEGUE
I an name of seventh mivelity.	RALF B. WILLECKE
Inventor's signature:	Deter
Residence:	Santa Clara, CA 95050
Post Office Address:	2250 Monroe St. #336
U.S.A.	
U.S.A.	Country of Citizenship: GERMANY

Full name of eighth inventor:	KUOWEI LIU
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.A.	Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	65 Shelley Ave.
U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S.A.	Country of Citizenship: USA
•	
Full name of eleventh inventor:	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
U.S.A.	Country of Citizenship: CHINA

(Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below nan	ned inventor, I hereby declare that:
This declaration	is of the following type:
[] [] [x]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole in	post office address and citizenship are as stated below next to my name. I believe I am the original, iventor (if only one name is listed below) or an original, first and joint inventor (if plural names are f the subject matter which is claimed and for which a patent is sought on the invention entitled:
ת	METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
	SPECIFICATION IDENTIFICATION
The specification	on of which:
[] [x]	is attached hereto was filed on April 1920, under Serial No. 09/5 \$346, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
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	[x] No such	applications have been filed		
	[] Such app	lications have been filed as	follows:	
4.		T application(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for des	ign) prior to this application, and
	Country/PCT	Application No	Date Filed	Priority Claimed
	:			[] Yes [] No [] Yes [] No [] Yes [] No
В.	All foreign application	cation(s), if any, filed mor	e than 12 mos. (6 mos for	design) prior to this
	Country: Application No: Filing date:			
C.	U.S. Provisional	Application filed within 1	2 months prior to this ap	plication
	Serial No.		Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

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l J	,No	such app	lications	have	been	tiled
-----	-----	----------	-----------	------	------	-------

[x] Such applications have been filed, as follows:



			Status _	<u>·</u> _	
Serial No.	Filing Date	Patented	Pending	Abandoned	
09/021,788	02/11/98	-	X		
09/114,682	07/13/98		X	•	
09/162,915	09/29/98		X		
09/185,555	11/04/98		X		
09/247,381	02/10/99		X		

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Donald Verplancken	
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
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Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	(715) 025 1511
Jaina Ciara, CA 73032	

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor:	TZU-FANO	G HUANG	• 10	
Inventor's signature:				Date:	
Residence:	San Jose, CA 951	38		· · ·	:
Post Office Address:	5431 Liqurian Dr	••			
	11 C A .		Country	of Citizenchine	TAIWAN



Full name of second inventor:

YUNG-CHENG LU

Inventor's signature:		Date:
Residence:	San Jose, CA 9	
Post Office Address:	3671 Greenlee	Dr., #3
	U.S.A.	Country of Citizenship: TAIWAN
	, .	
Full name of third inve	ntor:	LI-QUN XIA
Inventor's signature:		Date: 7-20-2000
Residence:	\./	San Jose, CA 95111
Post Office Address:	V	5358 Carryback Ave.
		U.S.A. Country of Citizenship: CHINA
	*	
Full name of fourth inv	entor:	ELLIE YIEH
Inventor's signature:		Date:
Residence:		San Jose, CA 95138
Post Office Address:		5888 Pistoria Way
	U.S.A.	Country of Citizenship: USA
Full name of fifth inver	ntor:	WAI-FAN YAU
Inventor's signature:		Date:
Residence:		Mountain View, CA 94040
Post Office Address:	•	158 Gretel Ln.
•	U.S.A.	Country of Citizenship: USA
	•	
Full name of sixth inve	ntor:	DAVID W. CHEUNG
Inventor's signature:		n.
Residence:		Foster City, CA 94404
Post Office Address:		235 Billingsgate Ln.
	U.S.A.	Country of Citizenship: USA
•	•	
Full name of seventh in	ventor:	RALF B. WILLECKE
Inventor's signature:		Date:
Residence:		Santa Clara, CA 95050
Post Office Address:		2250 Monroe St. #336
	U.S.A.	Country of Citizenship: GERMANY

Full name of eighth inventor:	KUOWEI LIU
nventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.	
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	65 Shelley Ave.
U.S	
•	
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S	Country of Citizenship: USA
*	
Full name of eleventh invento	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
110	

(Declaration ends with this page)

E-FORMS\Anom\New-Patent/Merre/DECLARE MRG 12 doc

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below name	l inventor, l	hereby d	leclare that:
-----------------	---------------	----------	---------------

This declaration	is of the following type:			
[] [] [x]	original divisional continuation continuation-in-part			
	INVENTORSHIP IDI	NTIFICATION		: .
	INVENTORSHIP IDE	INTIFICATION		
first and sole in	post office address and citizenship are as state ventor (if only one name is listed below) or the subject matter which is claimed and for ventors.	an original, first and j	oint inventor (if plui	ral names are
N	METHOD OF DEPOSITING LOW K FILM	AS USING AN OXID	DIZING PLASMA	
	SPECIFICATION ID	ENTIFICATION		
The specification	on of which:			
[] [x] []	is attached hereto was filed on April 19 2000, under Serial or Express Mail No. (as Serial No. not yet kno and was amended on was described and claimed in PCT Internation	own) (if applicable) ional Application No.		date herewith;
	filed on and as amende ACKNOWLEDGMENT OF REVIEW OF			
	hat I have reviewed and understand the cont ided by any amendment referred to above.	ents of the above-ider	ntified specification,	including the
	the duty to disclose all information I know to of Federal Regulations, §1.56,	be material to patenta	ability in accordance	with
	naterial to the examination of this applicat a reasonable Examiner would consider it im t, and			
[]	In compliance with this duty there is attac with 37 CFR §1.98.	hed an Information D	: Disclosure Statement	in accordance

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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<u>Co</u>	untry/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No
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	foreign applic application	cation(s), if any, filed mor	e than 12 mos. (6 mos for	design) prior to this
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Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
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Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844

Santa Clara, CA 95052

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Full name of sole or first inventor:		TZU-FANG	HUANG			
Inventor's signature:			Date:	*		•
Residence: Post Office Address:	San Jose, CA 5431 Liqurian				: .	
,	U.S.A.		Country of Citizens	hip: TAIW	'AN	



Full name of second inventor: Inventor's signature:_ Date: Residence: San Jose, CA 95117 Post Office Address: 3671 Greenlee Dr., #3 U.S.A. Country of Citizenship: TAIWAN Full name of third inventor: LI-QUN XIA Inventor's signature: Date: Residence: San Jose, CA 95111 Post Office Address: 5358 Carryback Ave. 🗸 🥞 U.S.A. Counti of Citizenship: CHINA Full name of fourth inventor: **ELLIE YIEH** Inventor's signature: Residence: San Jose, CA 95138 Post Office Address: 5888 Pistoria Way U.S.A. Country of Citizenship: USA Full name of fifth inventor: **WAI-FAN YAU** Inventor's signature: Residence: Mountain View, CA 94040 Post Office Address: 158 Gretel Ln. U.S.A. Country of Citizenship: USA Full name of sixth inventor: DAVID W. CHEUNG Inventor's signature: Date: Residence: Foster City, CA 94404 Post Office Address: 235 Billingsgate Ln. U.S.A. Country of Citizenship: USA Full name of seventh inventor: RALF B. WILLECKE Inventor's signature: Date: Residence: Santa Clara, CA 95050 Post Office Address: 2250 Monroe St. #336

Country of Citizenship: GERMANY

U.S.A.

Full name of eighth inventor:	KUOWEI LIU
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.A.	Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	65 Shelley Ave.
U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S.A.	Country of Citizenship: USA
•	
Full name of eleventh inventor:	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
U.S.A.	Country of Citizenship: CHINA

(Declaration ends with this page)

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COMBINED DECLARATION AND POWER OF ATTORNEY

	·	
As a below nam	ned inventor, I hereby declare that:	
This declaration	is of the following type:	
[] [] [x]	original divisional continuation continuation-in-part	
	INVENTORSHIP IDENTIFICA	TION
first and sole in listed below) of	oost office address and citizenship are as stated below ne ventor (if only one name is listed below) or an original, the subject matter which is claimed and for which a pate AETHOD OF DEPOSITING LOW K FILMS USING	first and joint inventor (if plural names are int is sought on the invention entitled:
	SPECIFICATION IDENTIFICA	TION
The specification	on of which:	
[] [x]	is attached hereto was filed on April 19,200, under Serial No. 09/2 or Express Mail No.(as Serial No. not yet known) and was amended on (if applicab was described and claimed in PCT International Appl filed on and as amended under PC	le) ication No
	ACKNOWLEDGMENT OF REVIEW OF PAPERS	AND DUTY OF CANDOR
claims, as amer	hat I have reviewed and understand the contents of the nded by any amendment referred to above. the duty to disclose all information I know to be materia of Federal Regulations, §1.56,	
	material to the examination of this application; name a reasonable Examiner would consider it important in it, and	
[]	In compliance with this duty there is attached an Inf with 37 CFR §1.98.	cormation Disclosure Statement in accordance

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such a	applications have been filed		
	[]	Such app	lications have been filed as	follows:	0
Α.	Prior any p	foreign/PC riority clain	T application(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for des	ign) prior to this application, and
	Cou	ntry/PCT	Application No	Date Filed	Priority Claimed
		·			[] Yes [] No [] Yes [] No [] Yes [] No
В.		reign application	cation(s), if any, filed more	e than 12 mos. (6 mos for	design) prior to this
	Count Appli Filing	cation No:			
C.	U.S. I	Provisional A	Application filed within 1:	2 months prior to this app	plication

PRIORITY CLAIM (35 U.S.C. §120)

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] No such applications have been	filed
------------------------------------	-------

Serial No.

[x] Such applications have been filed, as follows:

	Status			
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	
09/114,682	07/13/98		· X	
09/162,915	09/29/98		Χ.	
09/185,555	11/04/98		. X	
09/247,381	02/10/99		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

D1-4-1/2 1 1	T. 11. 31. 00.00
Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844

DECLARATION

Santa Clara, CA 95052

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:		TZU-FAN	G HUANG	•
Inventor's signature:			Date:	
Residence:	San Jose, CA	95138		
Post Office Address: 5431 Liquria:		ı Dr.		• .
	U.S.A.		Country of Citizenship	·TAIWAN



Full name of second inventor:

YUNG-CHENG LU

Inventor's signature:		Date:
Residence:	San Jose, CA 95	5117
Post Office Address:	3671 Greenlee D	
1001 011100 1101100	U.S.A.	Country of Citizenship: TAIWAN
	O.B.A.	Country of Chizenship. 171 WAIN
		ψ.
Full name of third inve	mton :	LLOIDIVIA
run name of third inve	ntor:	LI-QUN XIA
Income a significant		D.J.
Inventor's signature:		Date:
Residence:		San Jose, CA 95111
Post Office Address:		5358 Carryback Ave.
		U.S.A. Country of Citizenship: CHINA
Full name of fourth inv	entor:	ELLIE YIEH
		, y
Inventor's signature:		Date:
Residence:		San Jose, CA 95138
Post Office Address:		5888 Pistoria Way
	U.S.A.	Country of Citizenship: USA
· .		
Full name of fifth inver	ntor:	WAI-FAN YAU
	. /	AAA 2000
Inventor's signature:		Date: July 2000
Residence:		(Moyntain View, CA 94040
Post Office Address:		158 Gretel Ln.
	U.S.A.	Country of Citizenship: USA
		*
Full name of sixth inve	ntor:	DAVID W. CHEUNG
,		•
Inventor's signature:		Date:
Residence:		Foster City, CA 94404
Post Office Address:		235 Billingsgate Ln.
1 051 011100 110 110 110.	U.S.A.	Country of Citizenship: USA
	0.0.1.	Country of Childenbing. Con
		·
Full name of seventh in	ventor.	RALF B. WILLECKE
i an name of seventil h	i voittoi.	
Inventor's signature:		Date:
Residence:		Santa Clara, CA 95050
Post Office Address:	•	2250 Monroe St. #336
1 031 Office Address.	U.S.A.	Country of Citizenship: GERMANY
	U.S.M	Country of Chizchship, Gerdyl A N Y



Full name of eighth inv	entor:	KUOWEI LIU				
Inventor's signature:		Date:				
Residence:		Campbell, CA 95008				
Post Office Address:		163 N. San Tomas Aquino Rd.	•			
	U.S.A.	Country of Citizenship: USA				
Full name of ninth inve	entor:	JU-HYUNG LEE				
Inventor's signature:		Date:				
Residence:		Campbell, CA 95008				
Post Office Address:		65 Shelley Ave.	•			
	U.S.A.	Country of Citizenship: SOUTH	KOREA			
Full name of tenth inve	entor:	FARHAD K. MOGHADAM				
Inventor's signature:	:	Date:				
Residence:		Saratoga, CA 95010				
Post Office Address:	•	15440 Via Colina				
	U.S.A.	Country of Citizenship: USA				
		*	•			
Full name of eleventh	inventor:	YEMING JIM MA				
Inventor's signature:		Date:				
Residence:	-	Santa Clara, CA 95051				
Post Office Address:		3707 Poinciana Dr., #133				
	U.S.A.	Country of Citizenship: CHINA				
			•			

(Declaration ends with this page)

E. FORMS Appm New-Patent Mergel DECLARE, MRG. 12, doc

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inve	ntor, I hereby declare that:
This declaration is of the	e following type:
[] origina [] divisio [] contin [x] contin	onal
	INVENTODOUD IDENTIFICATION
	INVENTORSHIP IDENTIFICATION
first and sole inventor (listed below) of the subj	the address and citizenship are as stated below next to my name. I believe I am the original, if only one name is listed below) or an original, first and joint inventor (if plural names are ect matter which is claimed and for which a patent is sought on the invention entitled: D OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
· (c)	SPECIFICATION IDENTIFICATION
The specification of wh	ich:
[X] was fi or [] Expre and w [] was d	ched hereto led on April 1920, under Serial No. 09/53346/, executed on even date herewith; ss Mail No. (as Serial No. not yet known) as amended on (if applicable) escribed and claimed in PCT International Application No on and as amended under PCT Article 19 on
ACKNO	OWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	re reviewed and understand the contents of the above-identified specification, including the any amendment referred to above.
I acknowledge the duty Title 37, Code of Federa	to disclose all information I know to be material to patentability in accordance with al Regulations, §1.56,
and which is material likelihood that a reason issue as a patent, and	to the examination of this application; namely, information where there is a substantial able Examiner would consider it important in deciding whether to allow the application to
	npliance with this duty there is attached an Information Disclosure Statement in accordance 77 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such applications have been filed	l .		
	[]	Such applications have been filed as	follows:		
A.		foreign/PCT application(s) filed with priority claims under 35 U.S.C. §119	in 12 mos. (6 mos. for des	ign) prior to this application, a	nd
	Cou	ntry/PCT Application No	Date Filed	Priority Claimed	
				[] Yes [] No [] Yes [] No [] Yes [] No	
B.		oreign application(s), if any, filed mor application	e than 12 mos. (6 mos for	design) prior to this	
		try: ication No: g date:			
C.	U.S.	Provisional Application filed within 1	2 months prior to this ap	plication	

PRIORITY CLAIM (35 U.S.C. §120)

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

1 }	No such	applications	have	been	filed
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Serial No.

[x] Such applications have been filed, as follows:

			Status _	·
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		<u> </u>	
09/114,682	07/13/98		. X	
09/162,915	09/29/98		Х	
09/185,555	11/04/98		X	
09/247,381	02/10/99		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

	· · · · · · · · · · · · · · · · · · ·
Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:		TZU-FAN	G HUANG	•
Inventor's signature:			Date:	. '
Residence:	San Jose, CA	95138		
Post Office Address:	5431 Liquria	n Dr.		•
	USA		Country of Citizen	chin: TAIWAN



Full name of second inventor:

YUNG-CHENG LU

Inventor's signature:		·	Date:
Residence:	San Jose, CA 95	117	•
Post Office Address:	3671 Greenlee D	r., #3	
	U.S.A.		Country of Citizenship: TAIWAN
Full name of third inve	ntor:	LI-QUN XIA	·
Inventor's signature:	_		Date:
Residence:		San Jose, CA 95	111
Post Office Address:		5358 Carryback	Ave.
		U.S.A.	Country of Citizenship: CHINA
Full name of fourth inv	entor:	ELLIE YIEH	
Inventorie cianatura:			Data
Inventor's signature: Residence:		San Jose, CA 95	Date:
Post Office Address:	٠	5888 Pistoria W	
1 OSC OTHEO 1 Iddies.	U.S.A.	3000 1 IStOI14 W	Country of Citizenship: USA
	0.0.71.		country of Chizenship, OSA
Full name of fifth inver	ntor:	WAI-FAN YAU]
Inventor's signature:			Date:
Residence:		Mountain View,	
Post Office Address:	•	158 Gretel Ln.	
•	U.S.A.	÷	Country of Citizenship: USA
Full name of sixth inve	ntor:	DAVID W/CHI	EUNG
			·
Inventor's signature:	1/1/2		Date: 7/19/2000
Residence:		Foster City, CA	94404
Post Office Address:		235 Billingsgate	
	U.S.A.	C .	Country of Citizenship: USA
		•	• • •
Full name of seventh ir	ventor:	RALF B. WILL	ECKE
,			
Inventor's signature:	·		Date:
Residence:		Santa Clara, CA	
Post Office Address:		2250 Monroe St	t. #336
	U.S.A.		Country of Citizenship: GERMANY



Full name of eighth inve	entor:	KUOWEI LIU				
Inventor's signature:		Date:				
Residence:		Campbell, CA 95008				
Post Office Address:		163 N. San Tomas Aquino Rd.				
	U.S.A.	Country of Citizenship: USA				
Full name of ninth inve	entor:	JU-HYUNG LEE				
T						
Inventor's signature: Residence:		Campbell, CA.95008				
Post Office Address:		•				
Post Office Address.	U.S.A.	65 Shelley Ave.	ZODE A			
•	U.S.A.	Country of Citizenship: SOUTH I	KUREA			
Full name of tenth inve	entor:	FARHAD K. MOGHADAM				
Inventor's signature:		Date:				
Residence:		Saratoga, CA 95010				
Post Office Address:		15440 Via Colina				
	U.S.A.	Country of Citizenship: USA				
			•			
Full name of eleventh i	inventor:	YEMING JIM MA				
Inventor's signature:		Date:				
Residence:		Santa Clara, CA 95051				
Post Office Address:		3707 Poinciana Dr., #133				
	U.S.A.	Country of Citizenship: CHINA				

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

		COMBINED DECEMENTION III DI COMBINED I	• .
As a be	low nam	ed inventor, I hereby declare that:	
This de	claration	is of the following type:	
	[] [] [x]	original divisional continuation continuation-in-part	
		INVENTORSHIP IDENTIFICATION	
first an	d sole invocation	oost office address and citizenship are as stated below next to my name. I believe I am the ventor (if only one name is listed below) or an original, first and joint inventor (if plural nathe subject matter which is claimed and for which a patent is sought on the invention entitle METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA	ames are
		SPECIFICATION IDENTIFICATION	
The sp	ecificatio	on of which:	
	[] [X]	is attached hereto was filed on April 19,200, under Serial No. 09/53346/, executed on even date or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on	
		ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR	
I ackn Title 3 and w likelih	s, as amen sowledge to 37, Code of	hat I have reviewed and understand the contents of the above-identified specification, included by any amendment referred to above. the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, §1.56, material to the examination of this application; namely, information where there is a a reasonable Examiner would consider it important in deciding whether to allow the application, and	h substantial
	[]	In compliance with this duty there is attached an Information Disclosure Statement in with 37 CFR §1.98.	accordance

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	[x]	No such a	applications have been filed	ļ. ·	
	[]	Such app	lications have been filed as	follows:	
4.		_	Γ application(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for des	ign) prior to this application, and
	Cou	intry/PCT	Application No	Date Filed	Priority Claimed
,		· .			[] Yes [] No [] Yes [] No [] Yes [] No
В.		oreign application	cation(s), if any, filed mor	e than 12 mos. (6 mos for	design) prior to this
	• •	try: ication No: g date:			
C.	. U.S. 1	Provisional .	Application filed within 1	2 months prior to this ap	plication
	Seria	l No.		Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

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[]	No	such	appl	licatio	ns have	been	filed

[x] Such applications have been filed, as follows:

				Status			
Serial No.	Filing Date		Patented	Pending	Abandoned		
09/021,788	02/11/98	·		$\overline{\mathbf{x}}$			
09/114,682	07/13/98			X			
09/162,915	09/29/98			\mathbf{X}_{\cdot}	•		
09/185,555	11/04/98	•		X			
09/247,381	02/10/99			. · X			

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Coursel	D. Todd Detterson

Patent Counsel Applied Materials, Inc. B. Todd Patterson

P.O. Box 450-A

THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

Santa Clara, CA 95052

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor:	TZU-FANG HUANC	3			•
Inventor's signature:			Date:		•	
Residence:	San Jose, CA 951:	38		8	•	
Post Office Address:	5431 Liqurian Dr.	•			•	
•	4211	Cov	untry of Citizenchir	· TAIWA	NI '	

COPY

Full name of second inventor:		YUNG-CHENG	YUNG-CHENG LU			
Inventor's signature:			· Date:	•		
Residence:	San Jose, CA	95117				
Post Office Address:	3671 Greenle		·			
	U.S.A.		Country of Citizenship: TAIWA	N		
P. II	-4	LLOIDINIA				
Full name of third inver	nor:	LI-QUN XIA				
Inventor's signature:			Date:			
Residence: Post Office Address:		San Jose, CA 951 5358 Carryback				
	•	U.S.A.				
				٠.		
Full name of fourth inv	entor:	ELLIE YIEH		•		
Inventor's signature:			Date:			
Residence:		San Jose, CA 95	138	 		
Post Office Address:		5888 Pistoria Wa				
	U.S.A.	Country of Citizenship: USA				
				-		
	·					
Full name of fifth inver	itor:	WAI-FAN YAU				
Inventor's signature:			Date:			
Residence:		Mountain View,	CA 94040			
Post Office Address:		158 Gretel Ln.				
	U.S.A.	χ.	Country of Citizenship: USA			
			•			
Full name of sixth inve	ntor:	DAVID W. CHI	EUNG			
Inventor's signature:			Date:			
Residence:		Foster City, CA				
Post Office Address:		235 Billingsgate				
	U.S.A.		Country of Citizenship: USA			
•						
Full name of seventh in	ventor:	RALF B. WILL	ECKE			
	N. W.	1.00 0	7/2	(00		
Inventor's signature:	voj.	Medi	Date: 7/20 /	00		
Residence:	•	Santa Clara, CA	95050			

2250 Monroe St. #336

Country of Citizenship: GERMANY

Post Office Address:

U.S.A.

Full name of eighth inventor:	KUOWEI LIU			
Inventor's signature:	Date:			
Residence:	Campbell, CA 95008			
Post Office Address:	163 N. San Tomas Aquino Rd.			
U.S.A.				
Full name of ninth inventor:	JU-HYUNG LEE			
Inventor's signature:	Date:			
Residence:	Campbell, CA 95008			
Post Office Address:	65 Shelley Ave.			
U.S.A	Country of Citizenship: SOUTH KOREA			
Full name of tenth inventor:	FARHAD K. MOGHADAM			
Inventor's signature:	Date:			
Residence:	Saratoga, CA 95010			
Post Office Address:	15440 Via Colina			
U.S.A	Country of Citizenship: USA			
Full name of eleventh inventor:	YEMING JIM MA			
Inventor's signature:	Date:			
Residence:	Santa Clara, CA 95051			
Post Office Address: /	3707 Poinciana Dr., #133			
U.S.A	Country of Citizenship: CHINA			
	(Declaration ends with this page)			

COMBINED DECLARATION AND POWER OF ATTORNEY

COMBINED DECEMENTION AND LOWER OF ALLOWING
As a below named inventor, I hereby declare that:
This declaration is of the following type:
[] original [] divisional [] continuation [x] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
SPECIFICATION IDENTIFICATION
The specification of which:
is attached hereto was filed on, under Serial No, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

						•		
	[x]	No such a	applications have been fi	led.		·		
	[]	Such app	lications have been filed	as follo	ows:			
A.		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
	Cou	intry/PCT	Application No.		Date Filed	Priority Claimed		
						[] Yes [] No [] Yes [] No [] Yes [] No		
В.		oreign applic	cation(s), if any, filed m	ore tha	n 12 mos. (6 mos foi	design) prior to this		
٠	Coun Appli	try: ication No:		٠				

C. U.S. Provisional Application filed within 12 months prior to this application

Serial No.

Filing date:

Filing Date

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- [] No such applications have been filed
- [x] Such applications have been filed, as follows:

			Status _	
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	
09/114,682	07/13/98	•	Χ .	
09/162,915	09/29/98		X	
09/185,555	11/04/98	•	X .	
09/247,381	02/10/99		x	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

•	·
Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	
	· · · · · · · · · · · · · · · · · · ·

DECLARATION

Full name of sole or fir	st inventor: TZU-FA	NG HUANG	·
Inventor's signature:		Date:	
Residence:	San Jose, CA 95138		
Post Office Address:	5431 Liqurian Dr.		
	A 2 1 1	Country of Citizenship, T	ATSUANT .

.•			
Full name of second inv	ventor:	YUNG-CHENG LU	
Inventor's signature:		Date:	
Residence:	San Jose, CA	95117	
Post Office Address:	3671 Greenlee	Dr., #3	•
	U.S.A.	Country of Citizenship: TAIWAN	
Full name of third inve	entor:	LI-QUN XIA	
Inventor's signature:		Date:	
Residence:		San Jose, CA 95111	
Post Office Address:		5358 Carryback Ave.	
		U.S.A. Country of Citizenship: CHINA	:
		• • • • • • • • • • • • • • • • • • •	
	-	•	
Full name of fourth inv	ventor:	ELLIE YIEH	
	•		
Inventor's signature:	• • • • •	Date:	
Residence:	•	San Jose, CA 95138	
Post Office Address:	•	5888 Pistoria Way	
	U.S.A.	Country of Citizenship: USA	
•	•		
Full name of fifth inver	ntor:	WAI-FAN YAU	
Inventor's signature:	·	Date:	
Residence:		Mountain View, CA 94040	
Post Office Address:	•	158 Gretel Ln.	
	U.S.A.	Country of Citizenship: USA	
Full name of sixth inve	entor:	DAVID W. CHEUNG	
		*	
Inventor's signature:		Date:	

Foster City, CA 94404

RALF B. WILLECKE

Santa Clara, CA 95050

2250 Monroe St. #336

Country of Citizenship: USA

Date:

Country of Citizenship: GERMANY

235 Billingsgate Ln.

Residence:

Residence:

Post Office Address:

Inventor's signature:

Post Office Address:

Full name of seventh inventor:

U.S.A.

U.S.A.



Full name of eighth inventor:		KUOWEI LIU
Inventor's signature:	1/1	
Residence:	77	Campbell, CA 95008
Post Office Address:	\mathcal{O}	163 N. San Tomas Aquino Rd.
•	U.S.A.	Country of Citizenship: USA
	·	
Full name of ninth inven	tor:	JU-HYUNG LEE
Inventor's signature:		Date:
Residence:		Campbell, CA 95008
Post Office Address:		65 Shelley Ave.
	U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inver	itor:	FARHAD K. MOGHADAM
Inventor's signature:		Date:
Residence:	•	Saratoga, CA 95010
Post Office Address:		15440 Via Colina
	U.S.A.	Country of Citizenship: USA
Full name of eleventh in	ventor:	YEMING JIM MA
Ttodo cionobaco		Data
Inventor's signature: Residence:		Santa Clara, CA 95051
Post Office Address:		3707 Poinciana Dr., #133
Post Office Address.	U.S.A.	Country of Citizenship: CHINA
	U.S.A.	Country of Chizenship, Critina
•		
		(Declaration ends with this page)
		(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below nar	ned inventor, I hereby declare that:
This declaration	is of the following type:
[] [] [x]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole in listed below) o	post office address and citizenship are as stated below next to my name. I believe I am the original, nventor (if only one name is listed below) or an original, first and joint inventor (if plural names are f the subject matter which is claimed and for which a patent is sought on the invention entitled:
	METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
	SPECIFICATION IDENTIFICATION
The specificati	on of which:
[] [x] []	is attached hereto was filed on April 19200, under Serial No. 09/55346/, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
claims, as ame	that I have reviewed and understand the contents of the above-identified specification, including the ended by any amendment referred to above.
I acknowledge Title 37, Code	e the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, §1.56,
and which is likelihood that issue as a pate	material to the examination of this application; namely, information where there is a substantic ta reasonable Examiner would consider it important in deciding whether to allow the application tent, and
- [1]	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.



PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such a	applications have been filed	l. '	
		Such app	lications have been filed as	follows:	
4.			T application(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for des	sign) prior to this application, and
· .	Cou	intry/PCT	Application No	Date Filed	Priority Claimed
			·		[] Yes [] No [] Yes [] No [] Yes [] No
В.		oreign application	cation(s), if any, filed mor	e than 12 mos. (6 mos for	design) prior to this
		ntry: ication No: g date:			
C .	U.S.	Provisional	Application filed within 1	2 months prior to this ap	plication
	Seria	al No.		Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to discl se information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[]	No such applications have been filed
[x]	Such applications have been filed, as follows:

•	

		Status			
Serial No.	Filing Date	Patented	Pending	Abandoned	
09/021,788	02/11/98		. · X		
09/114,682	07/13/98		X		
09/162,915	09/29/98		X	•	
09/185,555	11/04/98		X		
09/247,381	02/10/99		X		

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844

DECLARATION

Santa Clara, CA 95052

Full name of sole or fir	st inventor:	TZU-FANG	HUANG		
Inventor's signature:			Date:		
Residence:	San Jose, CA 9	5138			
Post Office Address:	5431 Liqurian I	Dr.		•	
	USA		Country of Citizenshin	TAIWAN	•

4	

Inventor's signature:_ Residence: Post Office Address:

U.S.A.

Full name of second inventor:		YUNG-CHENG LU		
Inventor's signature:		Date:		
Residence:	San Jose, CA 9	5117		
Post Office Address:	3671 Greenlee			
	U.S.A.	Country of Citizenship: TAIWAN		
Full name of third inver	ntor:	LI-QUN XIA		
Inventor's signature:		Date:		
Residence:		San Jose, CA 95111		
Post Office Address:		5358 Carryback Ave.		
	a .	U.S.A. Country of Citizenship: CHINA		
Full name of fourth inv	entor:	ELLIE YIEH		
Inventor's signature:		Date:		
Residence:		San Jose, CA 95138		
Post Office Address:		5888 Pistoria Way		
	U.S.A:	Country of Citizenship: USA		
Full name of fifth inven	itor:	WAI-FAN YAU		
Inventor's signature:		Date:		
Residence:		Mountain View, CA 94040		
Post Office Address:		158 Gretel Ln.		
	U.S.A.	Country of Citizenship: USA		
•				
Full name of sixth inve	ntor:	DAVID W. CHEUNG		
Inventor's signature:		Date:		
Residence:		Foster City, CA 94404		
Post Office Address:		235 Billingsgate Ln.		
	U.S.A.	Country of Citizenship: USA		
	•			
Full name of seventh in	ventor.	RALF B. WILLECKE		

Santa Clara, CA 95050 2250 Monroe St. #336 Date:

Country of Citizenship: GERMANY





Full name of eighth inventor:	KUOWEI LIU
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
	S.A. Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	Afyung J Date: 1/20/00
Residence:	Qampbell, CA 95008
Post Office Address: U	65 Shelley Ave.
	.S.A. Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
	J.S.A. Country of Citizenship: USA
Full name of eleventh inven	ator: YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
·	J.S.A. Country of Citizenship: CHINA
:	
	(Declaration and with this page)

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below na	med inventor, I hereby declare that:	<i>,</i>	
This declaratio	n is of the following type:		
[] [] [x]	original divisional continuation continuation-in-part		
	INVENTORSHIP IDENTIFICATION		
first and sole i	post office address and citizenship are as stated below next to my nventor (if only one name is listed below) or an original, first and of the subject matter which is claimed and for which a patent is sough METHOD OF DEPOSITING LOW K FILMS USING AN OXI	joint inventor (if plural in the invention entitle)	names are
	SPECIFICATION IDENTIFICATION		
The specificat	ion of which:		
[] [x] []	is attached hereto was filed on Opin 19200, under Serial No. 09/5.5346 or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article	0	herewith;
· .· ·	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DU	JTY OF CANDOR	
	that I have reviewed and understand the contents of the above-id ended by any amendment referred to above.	entified specification, in	cluding the
	e the duty to disclose all information I know to be material to patent of Federal Regulations, §1.56,	tability in accordance wi	i th
and which is likelihood that issue as a pate	material to the examination of this application; namely, inform at a reasonable Examiner would consider it important in deciding ent, and	nation where there is a whether to allow the ap	substantial oplication to
[]	In compliance with this duty there is attached an Information with 37 CFR §1.98.	Disclosure Statement in	accordance

60

[x]

No such applications have been filed.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	,			
	[] Such appl	ications have been filed	as follows:	
۸.		Γ application(s) filed wins under 35 U.S.C. §119		ign) prior to this application, and
	Country/PCT	Application No	Date Filed	Priority Claimed
•	· .			[] Yes [] No [] Yes [] No [] Yes [] No
В.	All foreign application	cation(s), if any, filed m	ore than 12 mos. (6 mos for	design) prior to this
	Country: Application No: Filing date:	÷		
C.	U.S. Provisional	Application filed within	1 12 months prior to this ap	pplication
	Serial No.	120	Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[]	No such applications have been filed
()	Such applications have been filed as

			Status _	
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	•
09/114,682	07/13/98		X	
09/162,915	09/29/98		Χ .	
09/185,555	11/04/98	•	X	
09/247,381	02/10/99		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	

DECLARATION

Full name of sole or fir	st inventor: TZU-FAN	IG HUANG		·
Inventor's signature:	·	Date:		
Residence:	San Jose, CA 95138			
Post Office Address:	5431 Liqurian Dr.	•		•
	A 2 II	Country of Citizenship: '	TAIWAN	



Full name of second inventor:		YUNG-CHENG LU		
Inventor's signature:		Date:		
Residence:	San Jose, CA	95117	,	
Post Office Address:	3671 Greenlee			
. 00. 0	U.S.A.	Country of Citizenship: TAIWAN		
Full name of third inve	entor:	LI-QUN XIA		
			:	
Inventor's signature:		Date:		
Residence:		San Jose, CA 95111		
Post Office Address:		5358 Carryback Ave.	:	
		U.S.A. Country of Citizenship: CHINA		
	,			
Full name of fourth in	ventor:	ELLIE YIEH		
Inventor's signature:		Date:	•	
Residence:	· 	San Jose, CA 95138		
Post Office Address:		5888 Pistoria Way	•	
Fost Office Address.	U.S.A.	Country of Citizenship: USA		
		ouna, or orname, our		
Full name of fifth inve	ntor:	WAI-FAN YAU		
Inventor's signature:		Date:		
Residence:		Mountain View, CA 94040		
Post Office Address:	•	158 Gretel Ln.		
	U.S.A.	Country of Citizenship: USA		
	•		•	
Full name of sixth inve	entor:	DAVID W. CHEUNG		
Turnatada signatura:		Date:		
Inventor's signature: Residence:		Foster City, CA 94404		
Post Office Address:		235 Billingsgate Ln.		
Post Office Address.	U.S.A.	Country of Citizenship: USA		
	U.S.A.	Country of Citizenship. OSA		
	•		•	
Full name of seventh i	nventor:	RALF B. WILLECKE		
Inventor's signature:		Date:		
Residence:	•	Santa Clara, CA 95050		
Post Office Address:	•	2250 Monroe St. #336		
	U.S.A.	Country of Citizenship: GERMA	NY	





Full name of eighth inventor:

Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.A.	Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	65 Shelley Ave.
U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature: Talkad	moghada Date: 7/25/\$\$
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S.A.	Country of Citizenship: USA
Full name of eleventh inventor:	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
U.S.A.	Country of Citizenship: CHINA
	Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:
This declaration is of the following type:
[] original [] divisional [] continuation [x] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
SPECIFICATION IDENTIFICATION
The specification of which:
is attached hereto was filed on Cycle (F2000), under Serial No. 69/55346/, executed on even date herewith or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substanti likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application issue as a patent, and
[] In compliance with this duty there is attached an Information Disclosure Statement in accordan with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

efore	that of the applica	tion(s) of which priority is cla	imed.			
	[x] No suc	h applications have been filed				
	[] Such a	pplications have been filed as	follows:			
۸.		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, an any priority claims under 35 U.S.C. §119				
	Country/PCT	Application No	Date Filed	Priority Claimed		
				[] Yes [] No		
				[] Yes [] No		
				[] Yes [] No		

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country: Application No: Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

Serial No.

Filing Date

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- [] No such applications have been filed
- [x] Such applications have been filed, as follows:

•	

		Status		
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	
09/114,682	07/13/98		, X	•
09/162,915	09/29/98		Χ.	
09/185,555	11/04/98	•	X	
09/247,381	02/10/99		. X .	

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DECLARATION

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(Declaration ends with this page)